

AUG 19 2010

AMENDMENTS TO THE CLAIMS

Claims 1-23 (Cancelled)

24. (Amended) ~~The method of Claim 23;~~ A method of transfecting antigen presenting cells, the steps comprising selecting a gene delivery complex that transfects antigen presenting cells, comprising wherein the complex comprises DNA and glucose or a polyethylenimine derivative, and administering the complex by applying the complex without the use of a needle to the skin or mucosa surfaces of an animal, wherein said DNA comprises a nucleic acid sequence encoding at least one immunogenic protein operatively linked to a promoter, and whereby antigen presenting cells of said skin or mucosa are transfected.

25. (Previously Presented) The method of Claim 24, wherein the polyethylenimine derivative targets the mannose receptor found on the surface of antigen presenting cells.

26. (Amended) The method of Claim ~~25~~24, wherein the derivative is mannosylated polyethylenimine.

27. (Cancelled).

28. Please cancel Claim 28

29. (Cancelled)

30. (Previously Presented) The method of Claim 26, wherein the complex comprises a 5:1 ratio of mannosylated polyethylenimine nitrogen per DNA phosphate.

31. (Amended) The method of Claim ~~23~~24, wherein the gene delivery complex is added to a glucose solution.

32. (Previously Presented) The method of Claim 31, wherein the glucose solution is 5-10% glucose.

33. Please cancel Claim 33.

34. (Cancelled)

35. Please cancel Claim 35

36. - 39 (Cancelled)

40. Please cancel Claims 40-42

43. (Amended) The method of Claim ~~23~~24, wherein the derivative is a sugar-modified polyethylenimine.

44. Please cancel Claim 44.